

1 **(August 1, 2005)**

2 **Noise Barrier Wall Access Door**

3 Access door frames shall be formed of 16 gauge steel to size and dimensions shown in
4 the Plans. The access door frame head and jamb members shall be mitered, securely
5 welded, and ground smooth. Each head shall have two anchors and each jamb shall
6 have three anchors. The hinges shall be reinforced with 1/4 inch by 12 inch plate, width
7 equal to the full inside width of the frame.

8
9 Access doors shall be full flush 1-3/4 inch thick seamless doors with a honeycomb core.
10 Door faces shall be constructed with smooth seamless 18 gauge roller-levered, cold-
11 rolled steel sheet. The vertical edges shall be neat interlocked hemmed edge seam.
12 The top and bottom of the door shall be enclosed with 16 gauge channels. Mortise and
13 reinforcement for locks and hinges shall be 10 gauge steel.

14
15 Each access door shall have three hinges. Access door hinges shall be stainless steel,
16 4-1/2 inches square, with stainless steel ball bearing and non-removable pins.

17
18 Each access door shall have two pull plates. The pull plates shall be stainless steel,
19 with a grip handle of one inch diameter and 8 to 10 inches in length.

20
21 Access door deadbolt locks shall be capable of accepting a Best CX series core. The
22 Contractor shall furnish and install a spring loaded construction core lock with each
23 lock. The Engineer will furnish the permanent Best CX series core for the Contractor to
24 install at the conclusion of the project.

25
26 Paint for exposed metal surfaces of access doors and frames, except for stainless steel
27 surfaces, shall be in accordance with Section 6-07.3(1). The paint color, when dry, shall
28 match ***\$1\$\$***. Color chips are available from the source specified in Section 9-
29 08.4(7).